

MITT ROMNEY GOVERNOR KERRY HEALEY LIEUTENANT GOVERNOR RONALD PRESTON SECRETARY CHRISTINE C. FERGUSON COMMISSIONER

The Commonwealth of Massachusetts Executive Office of Health and Human Services Department of Public Health 250 Washington Street, Boston, MA 02108-4619

June 27, 2003

Dear Interested Party,

We are pleased to announce the availability of the Massachusetts Department of Public Health's proposed *Public Health-Based Beach Evaluation, Classification, and Tiered Monitoring Plan* for public comment. The United States Environmental Protection Agency (EPA) requires us to offer public comment availability, and we welcome any comments or suggestions you may have. The proposed plan presents an overview of our Beach Program's activities and includes an explanation of our three-tiered classification plan for marine beaches. In this system, every beach is be classified as "Tier One," "Tier Two," or "Tier Three."

- Tier One heavily used beaches which have pollution problems. These beaches must be tested at least twice per week.
- Tier Two beaches with some pollution. These beaches must be tested once per week (the standard frequency).
- Tier Three beaches with no known pollution problems. These beaches are required to be tested only once every two weeks or sometimes less, as determined by MDPH.

The proposed *Plan* lists the current classification of every beach for which we have received data through the 2002 bathing beach season. The deadline for public comments is July 31, 2003,

and we welcome your input. Please submit written comments to:

Massachusetts Department of Public Health Bureau of Environmental Health Assessment **Environmental Toxicology Program** 250 Washington Street Boston, MA 02108

Attn: Elaine Krueger

If you have any questions, please feel free to contact us at 617-624-5757.

Sincerely,

Elaine Krueger, Director Environmental Toxicology Program Bureau of Environmental Health

Assessment

Suzanne K. Condon, Assistant Commissioner, BEHA Cc: Howard Wensley, Director, Div. of Comm. Sanitation, Bureau of Health Quality Mgmt.

Document for Public Review and Comment

Massachusetts Department of Public Health Beach Program

Public Health-Based Beach Evaluation, Classification, and Tiered Monitoring Plan

June 27, 2003

Prepared by
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Bureau of Environmental Health Assessment
Environmental Toxicology Program
250 Washington Street
Boston, Massachusetts 02108

Public Comment Period Extends Through July 31, 2003

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A 1.0 Introduction

This Public Health-Based Beach Evaluation, Classification, and Tiered Monitoring Plan proposed by the Massachusetts Department of Public Health (MDPH) has been developed in order to ultimately direct water quality monitoring resources to the beaches that pose the greatest health concern so as to facilitate the identification and clean up of pollution problems, while those beaches with more pristine records can be monitored less often than the initially required weekly routine monitoring pursuant to both the Massachusetts and federal beach acts. Such a system is consistent with United States Environmental Protection Agency (EPA) recommendation that an evaluation and classification process use a three-tiered approach, which enables beach managers to efficiently allocate monitoring and public notification resources to waters based on use and level of public health concern. A classification of Tier One indicates that waters are of such health concern and/or receive such high usage that significant resources will be devoted to more intensive monitoring and public notification efforts for that area. A classification of Tier Two indicates that routine weekly testing is still the most efficient testing frequency to protect public health based on water quality results and usage. A classification of Tier Three indicates that waters are of low health concern and/or receive low usage that minimal resources will be devoted to less intensive monitoring and public notification efforts for that area. The information provided in this document, especially with regard to the rationale for classifying beaches into various categories based on public health concerns, has been obtained from the Marine and Freshwater Beach Testing in Massachusetts, 2001 Season, and 2002 Season reports prepared by MDPH, Bureau of Environmental Health Assessment (BEHA), Environmental Toxicology Program (ETP) in collaboration with MDPH Bureau of Health Quality Management (BHQM), Division of Community Sanitation (DCS). These two documents can be found on the MDPH/BEHA website at http://www.state.ma.us/dph/beha. Information has also been obtained from the National Beach Guidance and Required Performance Criteria for Grants, June 2002 (EPA-823-B-02-004) prepared by the EPA.

A 1.1 Overview

Recreational use of water with microbial contamination can pose health risks to swimmers and others. As a result, beach water quality is regulated to promote public health. In Massachusetts, bathing beach water quality is regulated by M.G.L. C. 111, § 5S and regulations cited as 105 CMR 445.000: Minimum Standards for Bathing Beaches (State Sanitary Code, Chapter VII; Appendix A). In 2002, Local boards of health (LBH), the Metropolitan District Commission (MDC), the Barnstable County Department of Health and the Environment, and the Massachusetts Department of Environmental Management (DEM) conduct the vast majority of marine beach water sampling in Massachusetts. The focus of this document is on marine beach water quality, however, the State Sanitary code also requires weekly monitoring of freshwater beaches, and freshwater beaches are included in MDPH's annual beach testing reports.

In 2000, the U.S. Congress enacted the Beaches Environmental Assessment and Coastal Health (BEACH) Act that amended the Federal Water Pollution Control Act (commonly referred to as the Clean Water Act, or CWA) to improve the quality of coastal recreational waters. The BEACH Act seeks to reduce the risk of disease to users of the Nation's marine recreational waters through the identification of high-risk beaches, identification, and mitigation of sources of pollution, and notification/risk communication to the public. It also authorizes grants to eligible states to support these objectives. In late 2001, the MDPH was awarded funding from the EPA that partially support Departmental efforts to develop an inventory of marine bathing beaches, compile monitoring data, and begin to conduct assessments of those beaches identified as having high public health concern. More recently, in an effort to assist local communities, MDPH has redirected some EPA grant funds to make available contract laboratories across the state to perform marine beach testing analytic work to defray costs at the local level. Approximately 60 coastal communities are eligible to receive this cost relief in the fiscal year 2003 Beach Season. In some cases, communities may save thousands of dollars worth of laboratory testing costs.

Current activities that are helping to improve water quality monitoring include the development of standardized electronic reporting system for cities and towns to gather uniform data and to report beach postings on the World Wide Web. This new electronic reporting system allows beach water quality monitoring information to be conveyed to the public in a timely manner and in a way that is protective of public health. Current activities also include building an accurate inventory and map atlas of marine beaches in the state (eventually freshwater beaches too). An unmapped inventory of marine beaches was compiled by the Environmental Toxicology Program in 1996/1997 in association with their 1997 report, *Marine Beach Testing in Massachusetts*. An unmapped inventory of marine and freshwater beaches was also compiled by the Division of Community Sanitation in 2000. In addition, the 2001 and 2002 annual beach testing reports compiled by the Environmental Toxicology Program in collaboration with the Division of Community Sanitation have the most current unmapped inventory of marine and freshwater beaches in the state. The 2002 inventory, which is the most current, was used to compile the marine beach list for the proposed classification in this document.

B 1.0 Comprehensive Tiered Monitoring Plan

One of the main technical challenges that beach managers face when designing effective monitoring programs and interpreting sampling results is the variation in bacterial densities. There is substantial site-specific variability (both spatial and temporal) in bacterial counts and monitoring plans should be tailored to individual circumstances. The monitoring plan addresses the following elements:

- Public Health: Protection of public health is the primary objective in designing a beach monitoring program
- Maximum Number of Beaches: The federal BEACH Act requires identification of beaches that
 may be subject to the program and identification of factors used in prioritizing monitoring and
 notification efforts.

- 3. Public Review: The BEACH Act requires an opportunity by the public to review the monitoring and notification program through a process that provides for public notice and an opportunity to comment. Use of the new MDPH beaches website provides optimal public access for review and comment.
- Existing Monitoring Data: Site-specific variability in bacterial densities exists. If reliable
 monitoring information exists, it must be documented and used during the development of the
 monitoring program.
- Adaptive Sampling Approach: The monitoring program must be flexible enough to allow the increase or decrease in sampling frequency, locations, and other factors to accommodate demands for new information as the need arises.
- 6. Quality Control: Quality Control policies and procedures, as well as quality management plans and quality assurance plans must be submitted by MDPH to EPA for approval.

B 1.1 Tier One Comprehensive Monitoring Plan

	Tier One
When to conduct basic sampling	At least 5 days before the start of the swimming season until the end of the swimming season
	Sampling frequency is at least two times per week during the swimming season. Exact sampling frequency will be determined on a case-by-case basis
When to conduct additional sampling	After a water quality standard is exceeded
	After a sewage spill or pollution event
	Reopening after a posting
	After a heavy rainfall event
Where to collect samples	Middle of typical bathing area
	Near known and potential pollution sources
	For short beaches, one sample at a point corresponding to each lifeguard chair, or one for every 500 meters of beach
	For long beaches (> 8 kilometers [5 miles]), sample at most highly used areas, and spread out samples along the entire beach
What depth to sample	Knee Depth

B 1.2 Tier Two Comprehensive Monitoring Plan

	Tier Two
When to conduct basic sampling	At least 5 days before the start of the swimming season until the end of the swimming season
	Sampling frequency is at least one time per week during the swimming season.
When to conduct additional sampling	After a water quality standard is exceeded
	After a sewage spill or pollution event
	Reopening after a posting
	After a heavy rainfall event
Where to collect samples	Middle of typical bathing area
	Near known and potential pollution sources
What depth to sample	Knee Depth

B 1.3 Tier Three Comprehensive Monitoring Plan

	Tier Three
When to conduct basic sampling	At least 5 days before the start of the swimming season until the end of the swimming season
	Sampling frequency is either once every two weeks or once per month, as specified by MDPH
When to conduct additional sampling	After a water quality standard is exceeded
	Reopening after a posting
Where to collect samples	Middle of typical bathing area
	Near known and potential pollution sources
What depth to sample	Knee Depth

C 1.0 Background Information on Beach Water Quality

Studies by the EPA and others suggest recreational use of both marine and fresh waters with microbial contamination can pose health risks (e.g., gastrointestinal problems) to swimmers and others. As a result, beach water quality is regulated to promote public health by the Massachusetts and federal beaches acts mentioned earlier.

The pathogens that cause swimming-associated disease are very difficult to measure directly. Furthermore, because of the wide variety of different pathogens that might be present in beach waters, measuring all possible pathogens is not practical for routine testing programs. Therefore, public health officials typically estimate the potential for pathogens to be present in the water by testing the water for a microorganism or a group of microorganisms whose life cycle(s) mimics that of specific pathogens but which are easier to measure than the pathogens themselves.

Because they indicate when pathogens are likely to be present, these microorganisms or groups of microorganisms are called "indicators" (Cabelli, 1983). As of the year 2000, Enterococci are the required indicator organisms for determining levels of contamination at marine bathing beaches in Massachusetts. For more detailed information on the past and present water quality monitoring techniques please see the MDPH 2002 Marine and Freshwater Beach Testing Report.

C 2.0 Identification of Coastal Recreational Waters

C 2.1 Definitions

The Massachusetts State Regulations define a bathing beach (coastal or inland) as the land where access to the bathing water is provided, and is not a swimming pool. According to the federal BEACH Act, *coastal recreation waters* (beaches) are defined as the Great Lakes and marine coastal waters (including coastal estuaries) designated under CWA section 303(c) by a state or tribe for use for

swimming, bathing, surfing, or similar water contact activities. The BEACH Act explicitly excludes from the definition of coastal recreation water both inland waters and upstream of the mouth of a river or stream that has an unimpaired natural connection with the open sea.

C 3.0 Identification of Beaches or Similar Points of Access Used by the Public for Coastal Recreation

To evaluate and classify a beach, they must be identified, taking into account similar points of access that are adjacent to coastal recreation waters and are used by the public for swimming, bathing, surfing, or similar water contact activities. After they are identified, the waters must be evaluated. Typically, waters used by the public for swimming, bathing, surfing, or similar water contact activities are:

- Not contained within a man-made structure or building
- Under the control of the federal, state, tribe, or local government
- Used for swimming or other contact recreational activity (partial body contact with the water)

Beaches and similar points of access adjacent to these waters can include seashores, oceanfronts, and shorelines associated with estuaries and bays and may be located in rural or urban areas. Privately owned beaches and similar points of access adjacent to waters used by the public for swimming, bathing, surfing, or similar water contact activities are covered by the federal BEACH Act and must be included in the identification, evaluation, and classification of beaches to meet this EPA performance criterion.

C 4.0 Review Available Information and Classify Beaches

All information available must be reviewed to classify a beach. This includes, but is not limited to historical knowledge of the beach, its uses, and possible sources of microbial pathogens. Two factors that must be used to rank beaches are:

1. Factors that indicate the potential risk to human health presented by pathogens.

- For this proposal, MDPH used, two years of water quality monitoring reports, (i.e., data from the 2001 and 2002 annual beach testing reports), and two years of reported closings (i.e., 2001 and 2002), in order to classify beaches as primarily Tier Two, and additional historic knowledge of problem beaches (i.e., the MDPH 1997 *Marine Beach Testing in Massachusetts* report) to classify a very limited number of beaches as Tier One.
- In the future MDPH will use additional information from water quality monitoring reports, and closing information, as well as sanitary surveys, point source discharge data, State Water Quality Reports CWA Section 305(b), List of Impaired Waters (CWA Section 303(d) List, Non-Point Source Reports (CWA Section 319), development planning records, and environmental group reports to make additional Tier One, and to start making Tier Three classifications.
- 2. Use of the beach (a.k.a., how many people swim at the beach).
 - MDPH obtained this data from field data forms filled out by the sampler if they were available that were incorporated in the 2001 and 2002 Beach Testing Reports.
 MDPH is currently launching an electronic data reporting system that will help us obtain more complete field data for the future.

MPDH has created a data management system website that allows for the sharing of beach water quality monitoring information among local, state, and federal officials and allows beach water quality monitoring information to be conveyed to the public in way that optimally protects public health. The public website dedicated to beaches allows the public to view a map of the state, choose a region, choose

a town, choose a beach, and see the current status of that beach, whether it is opened or closed, and keeps a log of the weekly status of that beach for the entire season. The private website, which can be accessed only by login and password, allows laboratories, local health officials, and MDPH, to enter and review field and water quality monitoring data, and facilitates the determination of beach postings in a timely manner that is protective of public health. The benefits of the data management system website include timeliness in posting reporting, uniform data collection, enabling the public to find the current or past status of a beach quickly, enabling the public to search by area or region (i.e., Cape Cod), community, or name of beach, and providing the public with links to other informative web resources. This will help to improve information collection, which will facilitate this proposed, public health based beach evaluation, classification, and tier monitoring plan.

The beach classification must be based on factors relative to public health concerns presented by the frequency and concentration of pathogens as presented by the indicator organism group Enterococci, and use of the beach. Other factors such as importance to the local economy or community also can be considered when ranking beaches, but public health concern and use must be given the highest priority.

C 5.0 Public Notification and Risk Communication

MDPH had developed a standardized electronic reporting system for cities and towns to gather uniform data and that will automatically generate beach postings on the world wide web when criteria are exceeded. This new website allows beach water quality monitoring information to be conveyed to the public in a timely manner and in a way that is optimally protective of public health. The beach manager at MDPH will actively coordinate with the entity responsible for each beach (e.g., local health officials, or other local, state, or federal agencies) when the website generates a beach posting to make sure the beach is physically posted with signs at access points. The two beach inspectors will provide additional over site of this process. Based upon discussion with the entity responsible for each beach, MDPH will provide additional input including written materials to the entity responsible for each beach

communicating risks associated with beach use as warranted. MDPH has also produced and made publicly available annual beach testing reports since 2001. Massachusetts in the only state in the nation to publish an annual report. The beach testing data is also shared with EPA electronically on an annual basis or upon request, which is facilitated through the electronic reporting system website.

C 6.0 Public Evaluation

MDPH is required by EPA under the Beach Grant to make the Public Health-Based Beach Evaluation, Classification, and Tiered Monitoring Plan available to the public (e.g., local health officials, interest groups) comment, and will be posted on the MDPH/BEHA website at http://www.state.ma.us/dph/beha. MDPH also is receiving continuous feedback from local health officials through MDPH's beach mapping project in collaboration with Applied Geographics, Inc., and local health official training sessions. The new beaches public website and electronic data management system developed by MDPH in collaboration with Digital Health, Inc. will allow the public to view beach postings and water quality monitoring data, giving them an opportunity to send MDPH and local health officials feedback through email or telephone.

D 1.0 Method for Massachusetts Coastal Bathing Beaches Classification (Tier Classification)

For this proposed classification drafted for public comment, each beach was listed along with the number of exceedences, the number of postings, and the bather density for each year. Beaches with multiple exceedences for three or more years will be classified as Tier One (Routine Sampling Twice Weekly). Beaches with one exceedence for one or multiple years will be classified as Tier Two (Weekly Routine Sampling), and beaches with zero exceedences for two or more years will be classified as Tier Three (Routine sampling once every two weeks or once per month as deemed necessary) provided that sample results meet appropriate quality standards and a detailed sanitary survey has been completed (consistent with EPA Beaches Guidance and Performance Criteria) that indicates no potential sources of

concern. For this year, most beaches were classified as Tier Two, because we do not have sufficient years of data available along with sufficient quality control documentation and sanitary survey information.

Some beaches known to have historical problems were classified as Tier One. No beaches were classified as Tier Three.

D 2.0 Listing and Classification of Massachusetts Coastal Bathing Beaches

Town			# postings 2001*			# postings 2002	Max Bather Density 2002*	Tier One	Tier Two	Tier Three
Aguinnah				2 0110119 200 1				00		
(See also Gay Head)	Lobsterville	N/A	N/A	N/A	0	0	N/A		Χ	
Aquinnah	Menemsha Pond									
(See also Gay Head)		N/A	N/A	N/A	0	0	N/A		X	
Aquinnah (See also Gay Head)	Philbin Beach	N/A	N/A	N/A	0	0	N/A		X	
Barnstable	Town Beach (a.k.a. East Beach)			N/A	0		0 - 10		X	
Barnstable	Bone Hill	0	0	N/A	0	0	0 - 10		Χ	
Barnstable	Bridge Street	0	0	N/A	0	0	0 - 10		Χ	
Barnstable	Cordwood Road	0	0	N/A	0	0	0 - 10		Χ	
Barnstable	Cotituit Bay Shores Association	N/A	N/A	N/A	0	0	0 - 10		Χ	
Barnstable	Coville	0	0	N/A	0	0	>50		Χ	
Barnstable	Craigville	0	0	N/A	0	0	>50		X	
Barnstable	Crocker's Neck	0	0	N/A	1	1	0 - 10		X	
Barnstable	Cross Street Beach	0	0	N/A	0	0	0 - 10		X	
Barnstable	Dowses	0	0	N/A	0	0	>50		X	
Barnstable	Estey Avenue	0	0	N/A	0	0	0 - 10		X	
Barnstable	Indian Trail	0	0	N/A	0	0	10 - 20		Χ	
Barnstable	Kalmus Park Ocean	0	1	N/A	0	0	0 - 10		Χ	
Barnstable	Kalmus Park Yacht	1	1	N/A	0	0	20 - 50		Χ	
Barnstable	Kennedy Memorial	0	0	N/A	0	0	20 - 50		Χ	
Barnstable	Keyes Beach	9	9	N/A	0	0	20 - 50		Χ	
Barnstable	Little River	1	1	N/A	0	0	10 - 20		Χ	
Barnstable	Loops Beach	0	0	N/A	0	0	10 - 20		Χ	
Barnstable	Millway	0	0	N/A	0	0	20 - 50		Χ	
Barnstable	Oregon Beach	0	0	N/A	0	0	0 - 10		Χ	
Barnstable	Oyster Harbors Club	N/A	N/A	N/A	0	0	0 - 10		Χ	
Barnstable	Oyster Place Road	0	0	N/A	0	0	0 - 10		Χ	
Barnstable	Prince Cove	0	0	N/A	0	0	0 - 10		Χ	
Barnstable	Ropes Beach	0	0	N/A	0	0	0 - 10		Χ	

^{*} N/A = Not Available

		# exceeds	# postings	Max Bather	# exceeds	# postings	Max Bather	Tier	Tier	Tier
Town	Beach Name	2001*	2001*	Density 2001*	2002	2002	Density 2002*	One	Two	Three
Barnstable	Sandy Neck		0	0 N/A	()>50		X	
Barnstable	Scudder Lane		0	0 N/A	(0 - 10		X	
Barnstable	Seaside Park Improvement Assoc.	N/A	N/A	N/A			010 - 20		X	
Barnstable	Veterans Beach		0	0 N/A	(0 20 - 50		X	
Barnstable	Wianno Avenue		0	0 N/A	(0 - 10		X	
Barnstable	Wianno Club (salt)	N/A	N/A	N/A	() (00 - 10		Χ	
Beverly	Brackenbury		0	00 - 10	() (00 - 10		Χ	
Beverly	Dane Street Bathhouse		1	10 - 10		1	10 - 10		X	
Beverly	Dane Street Jetty		0	10 - 10	(10 - 10		Χ	
Beverly	Dane Street Outfall		1	10 - 10	(10 - 10		Χ	
Beverly	Goat Hill		0	00 - 10	() (00 - 10		Χ	
Beverly	Independence		0	00 - 10		1	10 - 10		Χ	
Beverly	Lynch Park		0	00 - 10		1	10 - 10		Χ	
Beverly	Mingo		1	00 - 10	(6 4	40 - 10		Χ	
Beverly	Ober Park		0	00 - 10	() (00 - 10		Χ	
Beverly	Rice Beach		1	1 20 - 50	() (00 - 10		Χ	
Beverly	Rice Outfall	N/A	N/A	N/A	;	3 (00 - 10		Χ	
Beverly	Sandy Point		0	00 - 10		1	10 - 10		X	
Beverly	West		1	0 10 - 20	() (00 - 10		Χ	
Beverly	Woodbury		2	10 - 10	() (00 - 10		Χ	
Boston	M Street Beach @ M Street (aka Carson @ M St.) (MDC)		6	6 N/A	() ;	30 - 10	Х		
Boston	Carson Beach at Bathhouse (MDC)	1	3	6 N/A) 9	90 - 10	Х		
Boston	Carson Beach at I Street (MDC)		8	6 N/A		1	90 - 10	Χ		
Boston	City Point Beach @ Point (MDC)	N/A	N/A	N/A		1	50 - 10	Х		
Boston	Constitution Beach @ Middle Site (MDC)		5	5 N/A	2		6N/A	Х		
Boston	Constitution Beach @ Nahant Street (MDC)	N/A	N/A	N/A	0		6 N/A	Х		
Boston	Constitution Beach @ North Site	1	0	5 N/A	4		6 N/A	Χ		

^{*} N/A = Not Available

		# exceeds	# postings	Max Bather	# exceeds	# postings	Max Bather	Tier	Tier	Tier
Town	Beach Name	2001*	2001*	Density 2001*	2002	2002	Density 2002*	One	Two	Three
	(MDC)									
Boston	Constitution Beach @				2					
Booton	Recreation Center (MDC)	N/A	N/A	N/A			6 N/A	Х		
Boston	Constitution Beach @ South			5 N I / A	О		CNI/A	V		
Deeten	Site (MDC)	-	6	5 N/A		2	6 N/A	X	\ <u>'</u>	
Boston	Lovell's Island (MDC)		0	0 N/A		0	00 - 10		Х	+
Boston	Malibu Beach @ Bathouse (MDC)		2	2 N/A		3	30 - 10	X		
	Pleasure Bay @ Broadway		2	ZINA		3	30 - 10	^		+
Boston	(MDC)		6	5N/A		o	2 10 - 20	X		
Boston	Savin Hill @ Bayside (MDC)		0	1 N/A		0	10 - 10	Х		
Boston	Savin Hill @ Right (MDC)	N/A	N/A	N/A		0	0 - 10	Х		
Deeten	Tenean Beach @ Middle Site									
Boston	(MDC)	1	0	7 N/A		2	4 N/A	Χ		
Bourne	Barlow's Landing		0	0 20 - 50		0	0 20 - 50		Χ	
Bourne	Briarwood	N/A	N/A	N/A		0	00 - 10		Χ	
Bourne	Cape Cod Sea Camps (CC Bay									
	Marine)	N/A	N/A	N/A		1	0 N/A		Х	
Bourne	Cataumet	N/A	N/A	N/A		0	00 - 10		Χ	
Bourne	Cedar Point	N/A	N/A	N/A		0	00 - 10		Χ	
Bourne	Electric Avenue		0	0 0 - 10		0	00 - 10		Χ	
Bourne	Gray Gables	N/A	N/A	N/A		0	0 10 - 20		Χ	
Bourne	Guilder Avenue		0	0 20 - 50		0	0 20 - 50		Χ	
Bourne	Hideaway Village	N/A	N/A	N/A		0	00 - 10		Χ	
Bourne	Monument - Briarwood	N/A	N/A	N/A		0	00 - 10		Χ	
Bourne	Monument Beach		0	0 20 - 50		0	0 20 - 50		Χ	
Bourne	North Beach	N/A	N/A	N/A		0	00 - 10		Χ	
Bourne	Patiusset Beach		2	2>50		1	1>50		Χ	
Bourne	Pocasset Beach	N/A	N/A	N/A		0	0 20 - 50		Х	
Bourne	Sagamore Beach		1	10 - 10		1	1 20 - 50		Х	
Bourne	Scenic Park		1	1 10 - 20		0	00 - 10		Х	
Bourne	Scraggy Neck	N/A	N/A	N/A		0	0 > 50		Х	
Bourne	South Beach	N/A	N/A	N/A		0	00 - 10		Х	

^{*} N/A = Not Available

Tours	Beach Name	# exceeds 2001*	# postings 2001*	Max Bather	# exceeds	# postings	Max Bather			Tier
Town	Tahanto			Density 2001*	2002	2002	Density 2002*	One	Two	Three
Bourne	Fore River Smith Beach	N/A	N/A	N/A	-		00 - 10		X	-
Braintree			1	10 - 10			10 - 10		X	
Brewster	Breakwater		1	00 - 10	(0 N/A		X	
Brewster	Cape Cod Sea Camps Bay		1	00 - 10			10 - 10		X	
Brewster	Crosby		1	00 - 10			2 N/A		Χ	
Brewster	Ellis		0	00 - 10			0 N/A		X	
Brewster	Linnel		0	00 - 10			0 N/A		X	
Brewster	Paines Creek	1	0	0 N/A	(0 N/A		X	
Brewster	Point of Rocks		0	00 - 10	(0 N/A		X	
Brewster	Robbins Hill	ı	0	0 N/A	(0 N/A		Χ	
Brewster	Saints		0	0 0 - 10	()	0 N/A		Χ	
Chatham	Bucks Creek		1	0 20 - 50	(0 20 - 50		Χ	
Chatham	Chatham Bars Inn		0	00 - 10	(00 - 10		Χ	
Chatham	Cockle Cove Beach		0	0 10 - 20	(0 10 - 20		Χ	
Chatham	Cockle Cove Creek at Parking Lot		Closed for 7 Season	0 - 10		Closed for Season	10 - 20		X	
Chatham	Cockle Cove Creek at Ridgevale Bridge		Closed for 4 Season	10 - 20	4	Closed for Season	10 - 20		Х	
Chatham	Forest Street Beach		0	00 - 10			010 - 20		Χ	
Chatham	Hardings Beach East		0	00 - 10	(020 - 50		Χ	
Chatham	Hardings Beach West		0	020 - 50	(010 - 20		Χ	
Chatham	Jacknife Harbor Beach		1	10 - 10	(00 - 10		Χ	
Chatham	Lighthouse Beach		0	00 - 10	(010 - 20		Χ	
Chatham	Oyster Pond Beach		1	1 10 - 20	(120 - 50		Χ	
Chatham	Pleasant Street Beach		0	00 - 10	(010 - 20		Χ	
Chatham	Ridgevale Beach		0	00 - 10	(010 - 20		Χ	
Chilmark	Lucy Vincent Beach - Chilmark Pond		0	0 N/A	(0 N/A		Х	
Chilmark	Lucy Vincent Beach - Ocean		0	0 N/A			0 N/A		X	
Chilmark	Menemsha Beach		0	0 N/A	`		0 N/A		X	
Chilmark	Ocean at Squibnocket Beach		0	0 N/A			0 N/A	†	X	
Cohasset	Black Rock Beach		0	00 - 10			00 - 10		X	

^{*} N/A = Not Available

Ta	Decelo Novo	# exceeds 2001*	# postings 2001*	Max Bather	# exceeds	# postings	Max Bather	Tier	Tier	Tier
Town Cohasset	Beach Name Little Harbor			Density 2001*	2002	2002	Density 2002*	One	Two	Three
Cohasset			0	00 - 10)	00-10		X	<u> </u>
	Sailing Club (a.k.a. Bassing)		4	0 10 - 20			20 - 10		X	-
Cohasset	Sandy Beach		0	0 20 - 50)	0 20 - 50		X	ļ
Cohasset	Sandy Cove		1	00 - 10)	00-10		X	<u> </u>
Cohasset	Yacht Club		3	00-10	()	00-10		X	<u> </u>
Danvers	Sandy Beach East		3	0 10 - 20		1	0 N/A		Χ	<u> </u>
Danvers	Sandy Beach West		3	0 10 - 20	,	1	0 N/A		X	<u> </u>
Dartmouth	Anthony's Beach		0	0 20 - 50)	0 > 50		Х	<u> </u>
Dartmouth	Apponagansett Town Beach		0	0 20 - 50	(D	0 20 - 50		Χ	
Dartmouth	Barney's Joy Beach		0	00 - 10	(D	00 - 10		Χ	
Dartmouth	Bayview Beach		0	00 - 10		1	10 - 10		Χ	
Dartmouth	Demarest Lloyd Beach		5	0 10 - 20	(D	0 N/A		X	
Dartmouth	Hidden Bay Beach		2	10 - 10		1	10 - 10		X	
Dartmouth	Jone's Park Town Beach		0	0 20 - 50	()	0 > 50		X	
Dartmouth	Little River Beach		1	10 - 10		D	00 - 10		X	
Dartmouth	Moses Smith Creek Beach		2	1 20 - 50		1	1 20 - 50		Х	
Dartmouth	Nonquitt Beach		0	0 20 - 50		D	0 10 - 20		Х	
Dartmouth	Oak Hill Shores Beach		0	00 - 10	()	00-10		Х	
Dartmouth	Round Hill Town Beach		0	0 >50	()	0 20 - 50		Х	
Dartmouth	Salter's Point Beach - East		0	0 20 - 50	()	00-10		Х	
Dartmouth	Salter's Point Beach - South		0	00 - 10	()	00 - 10		Х	
Dennis	Bancroft	N/A	N/A	N/A		o l	0 10 - 20		X	
Dennis	Bayview		0	0	()	0 > 50		Х	
Dennis	Chapin Memorial Beach		1	0 > 50		1	1>50		Х	
Dennis	Cold Storage		0	0 > 50	()	0>50		Х	
Dennis	Corporation		0	0>50	()	0>50		Х	
Dennis	Glendon Road		1	1>50	()	0>50		Х	
Dennis	Haigis		0	0>50	()	0>50		Х	
Dennis	Harborview		0	0>50)	0>50		Х	
Dennis	Howes Street		0	0>50	(0>50		X	
Dennis	Inman	1	1	020 - 50			0>50		X	
Dennis	Mayflower		0	0>50			0 > 50		X	

^{*} N/A = Not Available

Town	Beach Name	# exceeds 2001*	# postings 2001*	Max Bather	# exceeds 2002	# postings 2002	Max Bather	Tier	Tier Two	Tier
Town Dennis	Raycroft	2001"	2001"	Density 2001* 0>50	2002	2002	Density 2002* 020 - 50	One		Three
Dennis	Sea Street))	0 20 - 50)	0 > 50		X	-
Dennis))			X	
	South Village)	0 > 50)	0 20 - 50		X	
Dennis :	Sullivan	'	0	00 - 10)	0 20 - 50		X	-
Dennis	Trotting Park)	0 20 - 50			0 >50		Χ	-
Dennis	West Dennis-1st outhouse		2	1 10 - 20		O .	0 >50		X	<u> </u>
Dennis	West Dennis-2nd outhouse		2	1 10 - 20)	0 10 - 20		X	
Dennis	West Dennis-swingset	2	2	1 10 - 20		D	0 >50		Χ	
Duxbury	Bath House	(0	0 N/A	(0	0 20 - 50		Χ	
Duxbury	Hardin Hill		1	0 N/A	(O .	00 - 10		Χ	
Duxbury	Howlands Landing		1	0 N/A		1	00 - 10		X	
Duxbury	Island Creek		O	0 N/A	(D	00 - 10		Χ	
Duxbury	Landing Road		2	0 N/A	(O	0 10 - 20		Х	
Duxbury	Residents Beach		1	0 N/A	()	0 20 - 50		Χ	
Duxbury	Shipyard Lane		1	0 N/A	()	00 - 10		Χ	
Duxbury	West End		1	0 N/A	;	3	00 - 10		Χ	
Eastham	Boat Meadow	()	0 20 - 50		1	00 - 10		Χ	
Eastham	Campground		1	120 - 50		1	0 > 50		Χ	
Eastham	Coast Guard Beach 1	()	0 20 - 50	()	0 N/A		Χ	
Eastham	Coast Guard Beach 2	(o	020 - 50	,	1	0 N/A		Х	
Eastham	Cole Road	(o	020 - 50	()	020 - 50		Х	
Eastham	Cook's Brook		1	1>50	()	020 - 50		Х	
Eastham	Dyer Prince		2	110 - 20	()	00 - 10		Х	
Eastham	First Encounter)	0>50		1	0>50		X	
Eastham	Kingsbury)	020 - 50	()	020 - 50		X	
Eastham	Nauset Light Beach 1)	020 - 50	(0 N/A		Χ	
Eastham	Nauset Light Beach 2		0	020 - 50)	0 N/A		X	
Eastham	Nauset Light Beach 3)	020 - 50)	0 N/A		X	+
Eastham	Sunken Meadow		1	1>50	·	1	020 - 50		X	<u> </u>
Eastham	Thumpertown	-	<u>, </u>	0>50)	0>50		X	+
Eastham	Town Cove		1	10 - 10			00 - 10		X	+
Edgartown	Bend-in-the-Road Beach)	0 N/A	+)	0 N/A		X	+
	Bend-in-the-Road Beach		<u> </u>	UIN/A		J	UIN/A		۸	

^{*} N/A = Not Available

_		# exceeds	# postings	Max Bather	# exceeds	# postings	Max Bather	Tier	Tier	Tier
Town	Beach Name	2001*	2001*	Density 2001*	2002	2002	Density 2002*	One	Two	Three
Edgartown	Sepiessa Point		0	0 N/A	(_	N/A		X	
Edgartown	South Beach State Park		0	0 N/A	•	1 (N/A		Χ	
Edgartown	South Beach State Park – Middle		0	0 N/A			N/A		X	
Edgartown	South Beach State Park-Right Fork West		0	0 N/A			N/A		Х	
Essex	Clammer's Beach		0	0 10 - 20	(10 - 20		Х	
Essex	Front Beach		1	00 - 10	,	1 1	1 10 - 20		Χ	
Fairhaven	Causeway West Island		3	00 - 10	() (0 - 10		Χ	
Fairhaven	Fort Phoenix		3	10 - 10	() 1	10 - 10		Χ	
Fairhaven	Knollmere	N/A	N/A	N/A	() (0 - 10		Χ	
Fairhaven	Manhatten Avenue		3	20 - 10	(0 - 10		Χ	
Fairhaven	Raymond Street		3	10 - 10		1 1	10 - 10		Χ	
Fairhaven	Towns Beach-West Island		1	10 - 10	(0 - 10		Χ	
Falmouth	Akapesket Improvement Association-Akapesket	N/A	N/A	N/A	() (00 - 10		х	
Falmouth	Bay Shores Homeowners Association	N/A	N/A	N/A	() (00 - 10		х	
Falmouth	Bristol 1		0	0 > 50	() (0 - 10		Χ	
Falmouth	Bristol 2		0	0>50	() (0 - 10		Χ	
Falmouth	Chapaquoit		0	0>50	() (>50		Χ	
Falmouth	Chapoquoit Associaties-Front Beach	N/A	N/A	N/A	() (00-10		х	
Falmouth	Chapoquoit Associaties-Little Beach	N/A	N/A	N/A	(010-20		х	
Falmouth	Falmouth Associates-564 Surf Drive	N/A	N/A	N/A	() (00 - 10		х	
Falmouth	Falmouth Heights 1		0	0>50	() (20 - 50		Χ	
Falmouth	Falmouth Heights 2		1	0 > 50	(>50		Χ	
Falmouth	Falmouth Yacht Club	N/A	N/A	N/A	(10 - 20		Χ	
Falmouth	Little Island Beach Preserve	N/A	N/A	N/A	(0 - 10		Χ	
Falmouth	Mariner's Beach Trust	N/A	N/A	N/A	(0 - 10		Χ	
Falmouth	Megansett		0	0 >50	(_	00 - 10		Х	

^{*} N/A = Not Available

		# exceeds	# postings	Max Bather	# exceeds	# postings	Max Bather			Tier
Town	Beach Name	2001*	2001*	Density 2001*	2002	2002	Density 2002*	One	Two	Three
Falmouth	Menauhant 1		0	0 >50	(0	00 - 10		Χ	
Falmouth	Menauhant 2		0	0 >50	(0	0 0 - 10		Χ	
Falmouth	Mill Road		1	0 20 - 50	(O	00 - 10		Χ	
Falmouth	Nobska Beach Association	N/A	N/A	N/A	(0	0 20 - 50		Χ	
Falmouth	Old Silver 1		0	0 >50	(O	0 > 50		Χ	
Falmouth	Old Silver 2		0	0 >50	(O	0 > 50		Χ	
Falmouth	Old Silver Beach Estates	N/A	N/A	N/A	(0	00 - 10		Χ	
Falmouth	Saconesset Hill Association	N/A	N/A	N/A		0	0 >50		Χ	
Falmouth	Seacoast Shores Association	N/A	N/A	N/A		0	00 - 10		Χ	
Falmouth	Silver Beach Improvement Association-New Silver	N/A	N/A	N/A		0	010 - 20		X	
Falmouth	Sippewissett Beach Trust	N/A	N/A	N/A		0	0 20 - 50		Χ	
Falmouth	Stoney Beach		1	0 >50	(O	0 >50		Χ	
Falmouth	Surf Drive		2	0 >50	(0	0 10 - 20		Χ	
Falmouth	Surf Drive Pool	N/A	N/A	N/A		0	0 20 - 50		Χ	
Falmouth	Wood Neck		0	0 20 - 50	(O	0 >50		Χ	
Falmouth	Wood Neck River		0	0 >50	(0	0 >50		Χ	
Gay Head (See also Aquinnah)	Lobsterville	N/A	N/A	N/A		0	0 N/A		X	
Gay Head (See also Aquinnah)	Menemsha Pond	N/A	N/A	N/A	(0	0 N/A		X	
Gay Head (See also Aquinnah)	Philbin Beach	N/A	N/A	N/A	(0	0 N/A		X	
Gloucester	Cressy's		0	0 20 - 50	(O	00 - 10		Χ	
Gloucester	Good Harbor Creek Beach		0	0 >50	(O	0 20 - 50		Χ	
Gloucester	Good Harbor Midway	N/A	N/A	N/A	(0	0 20 - 50		Χ	
Gloucester	Half Moon		0	0 >50	(O	0 20 - 50		Χ	
Gloucester	Lighthouse	N/A	N/A	N/A		0	00 - 10		Χ	
Gloucester	Niles		0	0 >50		0	0 20 - 50		Χ	
Gloucester	Pavillion		0	0 20 - 50		0	0 10 - 20		Χ	
Gloucester	Plum Cove		0	0 20 - 50		0	0 10 - 20		Χ	
Gloucester	Wingaersheek		0	0 >50		0	0 20 - 50		Χ	
Harwich	Allen Harbor	N/A	N/A	N/A		0	00 - 10		Χ	

^{*} N/A = Not Available

		# exceeds	# postings	Max Bather	# exceeds	# postings	Max Bather	Tier	Tier	Tier
Town	Beach Name	2001*	2001*	Density 2001*	2002	2002	Density 2002*	One	Two	Three
Harwich	Atlantic		0	0 >50	(D	0 >50		Χ	
Harwich	Bank Street		0	0 >50	()	0 >50		Χ	
Harwich	Bayview	N/A	N/A	N/A	(0	0 20 - 50		Χ	
Harwich	Brooks Road		0	0 20 - 50	(O .	0 >50		Χ	
Harwich	Earl Road		0	0 > 50	(D	0 >50		Χ	
Harwich	Grey Neck		0	0 0 - 10	(D	0 20 - 50		Χ	
Harwich	Merkel		0	0 20 - 50	()	0 >50		Χ	
Harwich	Neel Road		0	00-10		D	00-10		Χ	
Harwich	Old Mill PtLeft of Jetty	N/A	N/A	N/A		D	00-10		Χ	
Harwich	Old Mill PtRight of Jetty	N/A	N/A	N/A	()	00 - 10		Χ	
Harwich	Pleasant Bay		0	0 20 - 50		D	0 >50		Χ	
Harwich	Pleasant Road		0	0 >50	(D	0 >50		Χ	
Harwich	Red River-Deep Hole Road		2	0 >50	(D	0 >50		Χ	
Harwich	Red River-East		0	00-10	(D	0 10 - 20		Χ	
Harwich	Red River-Middle		0	00-10	(D	0 20 - 50		Χ	
Harwich	Riverside Harbor		2	00 - 10		D	00-10		Χ	
Harwich	Round Cove	N/A	N/A	N/A		2	00 - 10		Χ	
Harwich	The Belmont		0	0 >50		D	0 20 - 50		Χ	
Harwich	Wequassett Inn	N/A	N/A	N/A		D	00 - 10		Χ	
Harwich	Wixon Dock	N/A	N/A	N/A		D	00 - 10		Χ	
Harwich	Wyndmere		0	0 20 - 50		D	0 10 - 20		Χ	
Harwich	Wyndmere/Seabreeze	N/A	N/A	N/A		D	0 >50		Χ	
Harwich	Zilpha		0	0 20 - 50		D	0 >50		Χ	
Hingham	Belair		0	0 N/A		D	0 10 - 20		Χ	
Hingham	Cliff Road		1	0 N/A	()	00 - 10		Χ	
Hingham	Kimball		0	0 N/A		1	0 10 - 20		Χ	
Hingham	Melville		1	0 N/A		1	0 20 - 50		Χ	
Hingham	North Beach		1	0 N/A		1	00 - 10		Χ	
Hingham	Seal Cove		0	0 N/A	(D	00-10		Χ	
Hingham	Town Beach		0	0 N/A	(D	0 >50		Х	
Hingham	Wampatuck		1	0 N/A		D	0 10 - 20		Х	
Hingham	Yacht Club		0	0 N/A		o l	0 20 - 50		Х	

^{*} N/A = Not Available

		# exceeds	# postings	Max Bather	# exceeds	# postings	Max Bather	Tier	Tier	Tier
Town	Beach Name	2001*	2001*	Density 2001*	2002	2002	Density 2002*	One	Two	Three
Hull	A Street Bay	(O	00 - 10	(00 - 10		Χ	
Hull	A Street Ocean		0	00 - 10	(D	00 - 10		Χ	
Hull	Darcy's		1	00 - 10	(D	00 - 10		Χ	
Hull	Edgewater		0	00-10	(O	00 - 10		Χ	
Hull	Gunrock	(O	00 - 10	(D	00 - 10		Χ	
Hull	Helen Street		O	00 - 10	(D	00 - 10		Χ	
Hull	Kenberma	(0	00 - 10	(D	00 - 10		Χ	
Hull	Nantasket Beach @ Bathouse (MDC)	(o	0 N/A	()	00 - 10		Х	
Hull	Nantasket Beach @ North Site (MDC)		0	0 N/A	()	0 10 - 20		Х	
Hull	Nantasket Beach @ Park Street (MDC)		0	0 N/A	(00-10		Х	
Hull	Nantasket Beach @ Water Street (MDC)		o	0 N/A	(00 - 10		X	
Hull	Newport		1	0 0 - 10	(00 - 10		Χ	
Hull	Spring Street		2	00 - 10	(00 - 10		Χ	
Hull	Whitehead (aka Phipps St.)	(O	0 0 - 10	(00 - 10		Χ	
Hull	XYZ		1	00 - 10	(00 - 10		Χ	
Ipswich	Clark Beach	(O	00 - 10	(D	00 - 10		Χ	
Ipswich	Cranes Beach-head lifeguard stand			0 N/A	(0 10 - 20		Х	
Ipswich	Cranes Beach-Steep Hill Beach		O	0 N/A	(D	0 10 - 20		Χ	
Ipswich	Little Neck Beach	(O	00 - 10	(00 - 10		Χ	
Ipswich	Pavillion Beach-greatest batherload		o	0>50	()	00 - 10		Х	
Ipswich	Pavillion Beach-outfall pipe	(0	0 > 50	()	00 - 10		Χ	
Kingston	Gray's Beach	(O	0 N/A	(0 N/A		Χ	
Kingston	Rocky Nook	(O	0 N/A	(0 N/A		Χ	
Lynn	King's Beach @ Kimball Road (MDC)	;	3	20 - 10	(0 N/A		Х	
Lynn	King's Beach @ Stacey Brook Outlet (MDC)		5	2N/A		1	0 N/A		Х	
Manchester	Black Beach	(O	010 - 20	(0 10 - 20		Χ	

^{*} N/A = Not Available

_		# exceeds	# postings	Max Bather	# exceeds	# postings	Max Bather	Tier	Tier	Tier
Town	Beach Name	2001*	2001*	Density 2001*	2002	2002	Density 2002*	One	Two	Three
Manchester	Magnolia Beach		0	0 20 - 50	() (0 10 - 20		Χ	<u> </u>
Manchester	Magnolia Beach - right of bath & tennis		0	0 >50			010 - 20		X	
Manchester	Singing Beach		0	0>50			0 10 - 20		X	
	Singing Beach - right of parking									
Manchester	lot		o	0 >50			10 - 20		Χ	
Manchester	Tucks Point Beach		1	0 10 - 20	() (10 - 20		Χ	
Manchester	West Manchester Beach		3	00 - 10	() (0 - 10		Χ	
Manchester	White Beach		0	00 - 10	() (10 - 20		Χ	
Marblehead	Crocker Park		0	0 N/A	() (0 - 10		Χ	
Marblehead	Devereux		0	0 >50	() (10 - 20		Χ	
Marblehead	Gas House		1	00 - 10		1 (0 - 10		Χ	
Marblehead	Grace Oliver		0	0 20 - 50		1 (0 - 10		Χ	
Marblehead	Stramski		1	0 20 - 50	()	10 - 10		Χ	
Marblehead	Sunset Road		2	00 - 10	(0 - 10		Χ	
Marion	Beverly Yacht	N/A	N/A	N/A	(0 - 10		Χ	
Marion	Camp Hadley	N/A	N/A	N/A	(0 - 10		Χ	
Marion	Converse Point	N/A	N/A	N/A	(0 - 10		Χ	
Marion	Dexter Beach	N/A	N/A	N/A			0 - 10		Χ	
Marion	Island Yacht (aka Island Warf)		1	10 - 10	(0 - 10		Χ	
Marion	Oakdale Ave	N/A	N/A	N/A	(0 - 10		Χ	
Marion	Piney Point	N/A	N/A	N/A	(0 - 10		Χ	
Marion	Planting Island		0	00-10			0 - 10		Χ	
Marion	River Road	N/A	N/A	N/A		1 (0 - 10		Χ	
Marion	Silver Shell 1		0	00-10			0 - 10		Χ	
Marion	Silver Shell 2		0	00-10		1 (0 - 10		Χ	
Marion	Tabor Acad. 1		0	00 - 10	(0 - 10		Χ	
Marion	Tabor Acad. 2	N/A	N/A	N/A) (0 - 10		Χ	
Marshfield	9th Road		1	0 10 - 20			0 - 10		Χ	
Marshfield	Brant Rock		0	00-10) (0 - 10		Χ	
Marshfield	Fieldston		0	0 10 - 20			0 - 10		Χ	
Marshfield	Green Harbor		0	00 - 10			0 - 10		Χ	

^{*} N/A = Not Available

		# exceeds	# postings		# exceeds	# postings	Max Bather	Tier Tier	Tier
Town	Beach Name	2001*	2001*	Density 2001*	2002	2002	Density 2002*	One Two	Three
Marshfield	Rexhame		0	0 20 - 50			00 - 10	X	
Mashpee	Hideaway Villiage Assoc.	N/A	N/A	N/A			00 - 10	X	
Mashpee	Mashpee Neck Rd Landing	N/A	N/A	N/A		0	00 - 10	X	
Mashpee	Pirate's Cove Assoc Pirates Cove	N/A	N/A	N/A		o	00 - 10	×	
Mashpee	Poponesset Beach		0	0 0 - 10		o	0 20 - 50	X	
Mashpee	Poponesset Spit		0	0 0 - 10		O	0 > 50	Х	
Mashpee	Popponessett Beach Assoc Popponessett	N/A	N/A	N/A		0	020 - 50	Х	
Mashpee	Seconsett Island Causeway	N/A	N/A	N/A		0	00 - 10	Х	
Mashpee	South Cape (Center)		1	10 - 10		1	1>50	Х	
Mashpee	South Cape (Left)	N/A	N/A	N/A		1	10 - 10	Х	
Mashpee	South Cape (Right)	N/A	N/A	N/A		0	10 - 10	Х	
Mashpee	State Beach	N/A	N/A	N/A	(0	00 - 10	Х	
Mattapoisett	Antasawomak		0	00 - 10	(0	020 - 50	Х	
Mattapoisett	Brant Beach		0	00 - 10	(0	00 - 10	Х	
Mattapoisett	Cresent Beach		0	00 - 10	(0	0 10 - 20	Х	
Mattapoisett	Harbor 1		0	00 - 10	(0	0 10 - 20	Х	
Mattapoisett	Harbor 2	N/A	N/A	N/A	(0	00 - 10	Х	
Mattapoisett	Hollywoods 1	N/A	N/A	N/A		0	00 - 10	Х	
Mattapoisett	Hollywoods 2	N/A	N/A	N/A	(0	00 - 10	Х	
Mattapoisett	Lesiure Shores		0	00 - 10	(0	00 - 10	Х	
Mattapoisett	Mattapoisett Shores		0	00 - 10	(0	00 - 10	Х	
Mattapoisett	Peases Point		0	00 - 10	(0	00 - 10	Х	
Mattapoisett	Pt. Connett		0	0 10 - 20	(0	00 - 10	Х	
Mattapoisett	Town Beach		0	0 20 - 50	(0	0 20 - 50	Х	
Nahant	Black Rock Beach	N/	Α	N/A N/A		1	0 N/A	Х	
Nahant	Canoe Beach	N/	Α	N/A N/A	(O	0 N/A	Х	
Nahant	Nahant @ Bathhouse (MDC)		2	20 - 1		1	1 N/A	Х	
Nahant	Nahant @ Flagpole (MDC)		2	20 - 1	(O	1 N/A	Х	
Nahant	Nahant @ Parking Lot Sec. 9 (MDC)	N/A	N/A	N/A		1	1 N/A	х	

^{*} N/A = Not Available

				# exceeds		Max Bather	Tier	Tier	Tier
	2001*	2001		2002			One		Three
		1		(-
				(<u> </u>
									<u> </u>
				`					
	N/A	N/A	I .	(<u> </u>
		0		(
		0		(X	
Cliffside		0	0 N/A	•	(N/A		Χ	
Dionis		2	0 N/A	() (N/A		Χ	
Jettes		0	0 N/A	(N/A		Χ	
Madaket		0	0 N/A	-	(N/A		Χ	
Miacomet Beach		0	0 N/A	() (N/A		Χ	
Sconset #1		0	0 N/A	() (N/A		Χ	
Sconset #2		0	0 N/A	() (N/A		Χ	
Sewerbeds		0	0 N/A	() (N/A		Χ	
Surfside #1		0	0 N/A	() (N/A		Χ	
Surfside #2		0	0 N/A	() (N/A		Χ	
Warren's Landing		0	0 N/A	() (N/A		Χ	
Warren's Landing Sediment Mix	N/A	N/A	N/A	() (N/A		Χ	
Washington Street Beach		0	0 N/A	() (N/A		Χ	
Davy's Locker		0		(
J. Beach		0		() (00 - 10			
Kid's Beach		0		() (0 10 - 20			
North 400		0	020 - 50	2	2 (020 - 50			
O'Tools		0		(
South 400		0	020 - 50	() (0 10 - 20			
Squid Beach		0		(
Taber Park North		0							
Taber Park South		1	020 - 50						1
Tower 1		1							1
Tower 3		0							†
		0		+					
	Beach Name Nahant @ South Site (MDC) Short Beach Tudor Beach 40th Pole #1 40th Pole #2 Children's Beach Cisco Cliffside Dionis Jettes Madaket Miacomet Beach Sconset #1 Sconset #2 Sewerbeds Surfside #1 Surfside #2 Warren's Landing Warren's Landing Warren's Landing Sediment Mix Washington Street Beach Davy's Locker J. Beach Kid's Beach North 400 O'Tools South 400 Squid Beach Taber Park North Taber Park South Tower 1	Beach Name Nahant @ South Site (MDC) Short Beach Tudor Beach A0th Pole #1 A0th Pole #2 N/A Children's Beach Cisco Cliffside Dionis Jettes Madaket Miacomet Beach Sconset #1 Sconset #2 Sewerbeds Surfside #1 Surfside #2 Warren's Landing Warren's Landing Sediment Mix Washington Street Beach Davy's Locker J. Beach Kid's Beach North 400 O'Tools South 400 Squid Beach Taber Park South Tower 1 Tower 3	Beach Name 2001* 2001 Nahant @ South Site (MDC) 1 Short Beach N/A Tudor Beach N/A 40th Pole #1 N/A 40th Pole #2 N/A Children's Beach 0 Cisco 0 Cliffside 0 Dionis 2 Jettes 0 Madaket 0 Miacomet Beach 0 Sconset #1 0 Sconset #2 0 Sewerbeds 0 Surfside #1 0 Surfside #2 0 Warren's Landing 0 Warren's Landing Sediment Mix N/A Washington Street Beach 0 Davy's Locker 0 J. Beach 0 Kid's Beach 0 North 400 0 Squid Beach 0 Taber Park North 0 Taber Park South 1 Tower 1 1 Tower 3 </td <td>Beach Name 2001* 2001* Density 2001* Nahant @ South Site (MDC) 1 20 - 1 Short Beach N/A N/A N/A Tudor Beach N/A N/A N/A 40th Pole #1 N/A N/A N/A 40th Pole #2 N/A N/A N/A Children's Beach 0 0 N/A Children's Beach 0 0 N/A Cisco 0 0 N/A Cliffside 0 0 N/A Dionis 2 0 N/A Jettes 0 0 N/A Madaket 0 0 N/A Miacomet Beach 0 0 N/A Sconset #1 0 0 N/A Sconset #2 0 0 N/A Surfside #1 0 0 N/A Surfside #2 0 0 N/A Warren's Landing Sediment Mix N/A N/A<td>Beach Name 2001* 2001* Density 2001* 2002 Nahant @ South Site (MDC) 1 20 - 1 0 Short Beach N/A N/A N/A N/A 1 Tudor Beach N/A N/A N/A N/A 1 40th Pole #1 N/A N/A N/A N/A 40th Pole #2 N/A N/A N/A N/A Children's Beach 0 0 N/A 0 Cisco 0 0 N/A 1 Dionis 2 0 N/A 1 Jettes 0 0 N/A 1 Madaket 0 0 N/A 1 Miacomet Beach 0 0 N/A 1 Sconset #1 0 0 N/A 1 Sconset #2 0 0 N/A 1 Surfside #1 0 0 N/A 1 Surfside #2 0 0 N/A 1</td><td> Beach Name 2001* 2001* 2001* 2002 2002 Nahant @ South Site (MDC) 1 2 0 - 1 0 0 Short Beach N/A N/A N/A N/A N/A 0 0 Tudor Beach N/A N/A N/A N/A 1 0 0 40th Pole #1 N/A N/A N/A N/A N/A 0 0 0 40th Pole #2 N/A N/A N/A N/A 0 0 0 0 Children's Beach 0 0 N/A 0 0 0 0 Cisco 0 0 N/A 0 0 0 0 0 0 0 Cilffside 0 0 N/A 1 0 0 0 0 0 0 0 0 0</td><td> Beach Name</td><td> Beach Name</td><td> Beach Name 2001* 2001* 2001* 2002 2002 Density 2002* One Two Nahant @ South Site (MDC) 1</td></td>	Beach Name 2001* 2001* Density 2001* Nahant @ South Site (MDC) 1 20 - 1 Short Beach N/A N/A N/A Tudor Beach N/A N/A N/A 40th Pole #1 N/A N/A N/A 40th Pole #2 N/A N/A N/A Children's Beach 0 0 N/A Children's Beach 0 0 N/A Cisco 0 0 N/A Cliffside 0 0 N/A Dionis 2 0 N/A Jettes 0 0 N/A Madaket 0 0 N/A Miacomet Beach 0 0 N/A Sconset #1 0 0 N/A Sconset #2 0 0 N/A Surfside #1 0 0 N/A Surfside #2 0 0 N/A Warren's Landing Sediment Mix N/A N/A <td>Beach Name 2001* 2001* Density 2001* 2002 Nahant @ South Site (MDC) 1 20 - 1 0 Short Beach N/A N/A N/A N/A 1 Tudor Beach N/A N/A N/A N/A 1 40th Pole #1 N/A N/A N/A N/A 40th Pole #2 N/A N/A N/A N/A Children's Beach 0 0 N/A 0 Cisco 0 0 N/A 1 Dionis 2 0 N/A 1 Jettes 0 0 N/A 1 Madaket 0 0 N/A 1 Miacomet Beach 0 0 N/A 1 Sconset #1 0 0 N/A 1 Sconset #2 0 0 N/A 1 Surfside #1 0 0 N/A 1 Surfside #2 0 0 N/A 1</td> <td> Beach Name 2001* 2001* 2001* 2002 2002 Nahant @ South Site (MDC) 1 2 0 - 1 0 0 Short Beach N/A N/A N/A N/A N/A 0 0 Tudor Beach N/A N/A N/A N/A 1 0 0 40th Pole #1 N/A N/A N/A N/A N/A 0 0 0 40th Pole #2 N/A N/A N/A N/A 0 0 0 0 Children's Beach 0 0 N/A 0 0 0 0 Cisco 0 0 N/A 0 0 0 0 0 0 0 Cilffside 0 0 N/A 1 0 0 0 0 0 0 0 0 0</td> <td> Beach Name</td> <td> Beach Name</td> <td> Beach Name 2001* 2001* 2001* 2002 2002 Density 2002* One Two Nahant @ South Site (MDC) 1</td>	Beach Name 2001* 2001* Density 2001* 2002 Nahant @ South Site (MDC) 1 20 - 1 0 Short Beach N/A N/A N/A N/A 1 Tudor Beach N/A N/A N/A N/A 1 40th Pole #1 N/A N/A N/A N/A 40th Pole #2 N/A N/A N/A N/A Children's Beach 0 0 N/A 0 Cisco 0 0 N/A 1 Dionis 2 0 N/A 1 Jettes 0 0 N/A 1 Madaket 0 0 N/A 1 Miacomet Beach 0 0 N/A 1 Sconset #1 0 0 N/A 1 Sconset #2 0 0 N/A 1 Surfside #1 0 0 N/A 1 Surfside #2 0 0 N/A 1	Beach Name 2001* 2001* 2001* 2002 2002 Nahant @ South Site (MDC) 1 2 0 - 1 0 0 Short Beach N/A N/A N/A N/A N/A 0 0 Tudor Beach N/A N/A N/A N/A 1 0 0 40th Pole #1 N/A N/A N/A N/A N/A 0 0 0 40th Pole #2 N/A N/A N/A N/A 0 0 0 0 Children's Beach 0 0 N/A 0 0 0 0 Cisco 0 0 N/A 0 0 0 0 0 0 0 Cilffside 0 0 N/A 1 0 0 0 0 0 0 0 0 0	Beach Name	Beach Name	Beach Name 2001* 2001* 2001* 2002 2002 Density 2002* One Two Nahant @ South Site (MDC) 1

^{*} N/A = Not Available

		# exceeds	# postings	Max Bather	# exceeds	# postings	Max Bather	Tier	Tier	Tier
Town	Beach Name	2001*	2001*	Density 2001*	2002	2002	Density 2002*	One	Two	Three
Newbury	Plum Island - Greatest Batherload		0	0 20 - 50) (0 10 - 20		Х	
Newburyport	Plum Island - 55th Street	N/A	N/A	N/A	wrong Indicator		0N/A		X	
Newburyport	Plum Island - End of Island 1	N/A	N/A	N/A	wrong Indicator		0 N/A		Х	
Newburyport	Plum Island - End of Island 2	N/A	N/A	N/A	wrong Indicator		0 N/A		Х	
Newburyport	Plum Island - Mouth of Basin	N/A	N/A	N/A	wrong Indicator	(0 N/A		Х	
Newburyport	Plum Island - Out Fall Pipe	N/A	N/A	N/A	wrong Indicator		0 N/A		Х	
Oak Bluffs	Lagoon Pond Herring Run		2	0 N/A	() (N/A		Χ	
Oak Bluffs	Marinelli's Beach		0	0 N/A) (0 N/A		Χ	
Oak Bluffs	Pay Beach		0	0 N/A) (0 N/A		Χ	
Orleans	Kent's Point		1	10 - 10		1	10 - 10		Χ	
Orleans	Little Inn at Pleasant Bay	N/A	N/A	N/A	() (00 - 10		Χ	
Orleans	Meeting House Pond		0	0 10 - 20	() (00 - 10		Χ	
Orleans	Nauset		0	0 > 50	() (0 20 - 50		Χ	
Orleans	Pah Wah Pond	N/A	N/A	N/A	() (00 - 10		Χ	
Orleans	Pleasant Bay		1	1 10 - 20) (00 - 10		Χ	
Orleans	Priscilla's Landing	N/A	N/A	N/A) (00 - 10		Χ	
Orleans	Quanset Harbor	N/A	N/A	N/A) (00 - 10		Χ	
Orleans	Rock Harbor	N/A	N/A	N/A) (00 - 10		Χ	
Orleans	Skaket Beach		0	0 > 50) (0 > 50		Χ	
Orleans	Skaket Beach Condominiums	N/A	N/A	N/A	() (0 > 50		Χ	
Orleans	Town Cove		0	00 - 10) (00 - 10		Χ	
Plymouth	Atlantic St.	N/A	N/A	N/A	() (00 - 10		Χ	
Plymouth	Boundary Lane	N/A	N/A	N/A	() (0 0 - 10		Χ	
Plymouth	Brewster St	N/A	N/A	N/A	() (0 0 - 10		Χ	
Plymouth	Harbor Master Float	N/A	N/A	N/A		1 (0 0 - 10		Χ	
Plymouth	Mamma Mia	N/A	N/A	N/A	() (0 0 - 10		Χ	
Plymouth	Mayflower Rest.	N/A	N/A	N/A		1 (00 - 10		Χ	

^{*} N/A = Not Available

		# exceeds	# postings	Max Bather	# exceeds	# postings	Max Bather	Tier	Tier	Tier
Town	Beach Name	2001*	2001*	Density 2001*	2002	2002	Density 2002*	One	Two	Three
Plymouth	Nelson St. Beach	N/A	N/A	N/A			00 - 10		X	<u> </u>
Plymouth	Plymouth Beach - #1		0	0 10 - 20			0 >50		Χ	
Plymouth	Plymouth Beach - #2	N/A	N/A	N/A			0 >50		Х	
Plymouth	Plymouth Beach - #3	N/A	N/A	N/A	(0 >50		Χ	
Plymouth	Plymouth Beach - #4	N/A	N/A	N/A	(0 >50		Χ	
Plymouth	Plymouth Beach - #5	N/A	N/A	N/A	(O .	0 > 50		Χ	
Plymouth	Robbins Road	N/A	N/A	N/A	(o l	00 - 10		Χ	
Plymouth	White Horse Beach - Full Sail		0	0 10 - 20	()	0 10 - 20		Χ	
Plymouth	White Horse Beach - Hill Top	N/A	N/A	N/A		O	0 10 - 20		Χ	
Provincetown	29 Commercial St	N/A	N/A	N/A		D	00 - 10		Χ	
Provincetown	333 Commercial St	N/A	N/A	N/A	()	00 - 10		Χ	
Provincetown	451 Commercial St	N/A	N/A	N/A		1	00 - 10		Χ	
Provincetown	593 Commercial St	N/A	N/A	N/A)	00 - 10		Χ	
Provincetown	637 Commercial St	N/A	N/A	N/A	(o l	00 - 10		Χ	
Provincetown	Atkins Lane	N/A	N/A	N/A	(o l	00 - 10		Χ	
Provincetown	Atlantic Ave		0	00 - 10	(o l	00 - 10		Х	
Provincetown	Court St	N/A	N/A	N/A	(o l	00 - 10		Х	
Provincetown	Herring Cove Beach 1		0	0 10 - 20	()	0 N/A		Χ	
Provincetown	Herring Cove Beach 2		0	0 10 -20	()	0 N/A		Χ	
Provincetown	Johnson Street	N/A	N/A	N/A		1	00 - 10		Χ	
Provincetown	Kendal Lane		1	00 - 10	(D	00 - 10		Χ	
Provincetown	Provincetown Inn		0	0 N/A		2	20 - 10		Χ	
Provincetown	Race Point Beach 1		0	0 10 - 20	(D	0 N/A		Χ	
Provincetown	Race Point Beach 2		0	0 10 - 20	()	0 N/A		Χ	
Provincetown	Race Point Beach 3		0	0 10 - 20	(o l	0 N/A		Х	
Provincetown	Ryder Street Beach Left	N/A	N/A	N/A		1	10 - 10		Х	
Provincetown	Ryder Street Beach Middle		4	10 - 10	(o l	00 - 10		Х	
Provincetown	Ryder Street Beach Right	N/A	N/A	N/A		o l	00 - 10		X	
Provincetown	TL West of Coast Guard	N/A	N/A	N/A		o l	00 - 10		Х	
Provincetown	TL1 – Breakwater		1	010 - 20		1	00 - 10		Х	
Provincetown	TL2 - Snail Road		0	010 - 20		1	10 - 10		Х	
Provincetown	West End Lot		1	10 - 10			20 - 10		X	<u> </u>

^{*} N/A = Not Available

Town	Beach Name	# exceeds 2001*	# postings 2001*	Max Bather Density 2001*	# exceeds 2002	# postings 2002	Max Bather Density 2002*	Tier One	Tier Two	Tier Three
Quincy	Avalon	(00 - 10			10 - 10	One	X	111100
Quincy	Baker	2		00 - 10			10 - 10		Χ	
Quincy	Chicatabot	4		110 - 20		1	10 - 10		Х	
Quincy	Edgewater	4	1	40 - 10			20 - 10		Χ	
Quincy	Heron	,		00 - 10			10 - 10		Χ	
Quincy	Wollaston Beach @ Black's Creek (MDC)	N/A	N/A	N/A	2	2 !	9 N/A	Х		
Quincy	Wollaston Beach @ Channing Street (MDC)	19) 1	4 N/A	į	5	9 N/A	Х		
Quincy	Wollaston Beach @ Milton Street (MDC)	10) 1	4 N/A	2	2 !	9 N/A	х		
Quincy	Wollaston Beach @ Rice Road (MDC)	10) 1	4 N/A		1 !	9 N/A	Х		
Quincy	Wollaston Beach @ Sachem Street (MDC)	13	3 1	4 N/A		1 !	9 N/A	Х		
Quincy	Mound	2	2	20 - 10			00 - 10		Χ	
Quincy	Nickerson	Į	5	110 - 20	(3	20 - 10		Χ	
Quincy	Orchard	,		120 - 50	(00 - 10		Χ	
Quincy	Parkhurst	(0 10 - 20	•	1	10 - 10		X	
Quincy	Rhoda	8	3	30 - 10	2	2	20 - 10		X	
Revere	Revere @ Oak Island (Kelly's) (MDC)	3	3	1 N/A			00 - 10		Х	
Revere	Revere @ Shirley Street (MDC)	,		1 N/A	() (00 - 10		Χ	
Revere	Revere @ State Police (MDC)	N/A	N/A	N/A	() (00 - 10		Χ	
Revere	Revere Beach @ Point of Pines (MDC)			1 N/A	()	00 - 10		Х	
Revere/Winthrop	Short Beach (MDC)	ţ	5	5 N/A	() (0 N/A		Χ	
Rockport	Back Beach	()	0 > 50	() (00 - 10		Χ	
Rockport	Cape Hedge Beach	(0 > 50	() (0 20 - 50		Χ	
Rockport	Front Beach			0 > 50	() (0 > 50		Χ	
Rockport	Long Beach - Gloucester	(10 - 10	() (00 - 10		Χ	
Rockport	Long Beach - North	,		1 > 50	() (0 > 50		Χ	
Rockport	Old Garden Beach	2	2	0 20 - 50	() (0 10 - 20		Χ	

^{*} N/A = Not Available

		# exceeds	# postings	Max Bather	# exceeds	# postings	Max Bather	Tier	Tier	Tier
Town	Beach Name	2001*	2001*	Density 2001*	2002	2002	Density 2002*	One	Two	Three
Rockport	Pebble Beach		1	0 20 - 50	(00-10		Χ	
Salem	Collins		2	2N/A	•	1	0 N/A		X	
Salem	Dead Horse Beach	N/A	N/A	N/A	•		0N/A		Χ	
Salem	Forest River Point		o	0 N/A	(0 N/A		Χ	
Salem	Juniper Point		4	2 N/A	(0N/A		Χ	
Salem	Mackey		0	0 N/A	(0 N/A		Χ	
Salem	Ocean Ave		O	0 N/A	2	2	0 N/A		Χ	
Salem	Osgood		O	0 N/A		1	0 N/A		Χ	
Salem	Pickman		O	0 N/A		1	0 N/A		Χ	
Salem	Pioneer		4	2 N/A		1	1 N/A		Χ	
Salem	Steps		2	1 N/A		1	1 N/A		Χ	
Salem	Willow Ave		1	0 N/A	(3	1 N/A		Χ	
Salem	Willows Pier		4	1 N/A	() (0 N/A		Χ	
Salem	Winter Island		2	2 N/A	() (0 N/A		Χ	
Salisbury	Salisbury Main Beach		O	0 > 50	(0 N/A		Χ	
Sandwich	East Sandwich Beach		O	00 - 10	(0 10 - 20		Χ	
Sandwich	Scusset Beach		O	0 N/A	(0 N/A		Χ	
Sandwich	Torrey Beach Community Assoc.	N/A	N/A	N/A	() (00 - 10		Х	
Sandwich	Town Neck Beach (Boardwalk)		O	0 20 - 50	(00 - 10		Χ	
Sandwich	Town Neck Beach (Horizons)		O	00 - 10	(10 - 10		Χ	
Scituate	Egypt		O	0 N/A	() (0 10 - 20		Χ	
Scituate	Humarock		O	0 N/A	() (0 10 - 20		Χ	
Scituate	Minot		O	0 N/A		1	110 - 20		Χ	
Scituate	Peggotty		O	0 N/A	(0 10 - 20		Χ	
Scituate	Sand Hills		1	1 N/A	() (0 20 - 50		Χ	
Somerset	Pierce Beach		2	1 > 50	() (0 > 50		Χ	
Swampscott	Eismans		1	10 - 10	() (00 - 10		Χ	
Swampscott	Fishermans		1	10 - 10	() (00 - 10		Χ	
Swampscott	Kings		0	20 - 10	() (00 - 10		Χ	
Swampscott	Phillips		1	10 - 10	() (00 - 10		Χ	
Swampscott	Preston		1	10 - 10	() (00 - 10		Χ	

^{*} N/A = Not Available

Town	Beach Name	# exceeds 2001*	# postings 2001*	Max Bather Density 2001*	# exceeds 2002	# postings 2002	Max Bather Density 2002*	Tier One	Tier Two	Tier Three
Swampscott	Stacey	2001	2	20 - 10	2002		0 0 - 10	One	X	Tillee
Swampscott	Whales		2	20 - 10			00 - 10		X	
Tisbury	Lake Tashmoo - Inside		1	0 N/A			0 N/A		X	
Tisbury	Lake Tashmoo - Opening		0	0 N/A	-		0 N/A		X	
Tisbury	Long Point (ocean)		0	0 N/A	<u> </u>		0 N/A		X	
Tisbury	Owen Little Way		1	0 N/A			0 N/A		X	
Tisbury	Owen Park		2	0 N/A	,		0 N/A		X	
Truro	379 Shore Rd	N/A	N/A	N/A	1		00 - 10		X	
Truro	496 Shore Rd	N/A	N/A	N/A	<u> </u>		00 - 10		X	
Truro	648 Shore Rd	N/A	N/A	N/A			00 - 10		X	
Truro	Ballston Beach		0	0>50			0 > 50		X	
Truro	Coast Guard		0	0>50	<u> </u>		0>50		X	
Truro	Cold Storage/Pond Village		0	0>50			00 - 10		X	
Truro	Corn Hill		0	0>50	<u> </u>		020 - 50		X	
Truro	Fisher		0	020 - 50			010 - 20		X	
Truro	Great Hollow		0	020 - 50			00 - 10		X	
Truro	Head of the Meadow (National)		0	010 - 20	-		0 N/A		X	
Truro	Head of the Meadow (Town)		0	0 > 50			0>50		X	
Truro	Long Nook		0	0>50			0>50		X	
Truro	Pamet Harbor		0	00 - 10			00 - 10		X	
Truro	Ryder Beach		0	010 - 20			00 - 10		X	
Truro	TL 1 Noon's Landing		0	00 - 10			00 - 10		X	
Truro	TL 2 Beach Point		1	00 - 10			00 - 10		X	
Wareham	Bay St. Beach	N/A	N/A	N/A	-		0 N/A		X	
Wareham	Briarwood	14/74	1	0 N/A	-		0 N/A		X	
Wareham	Little Harbor		0	0 N/A			0 N/A		X	
Wareham	Minot Forest		1	0 N/A			0 N/A		X	
Wareham	Onset		0	0 N/A	<u> </u>		0 N/A		X	
Wareham	Parkwood		0	0 N/A			0 N/A		X	
Wareham	Pinehurst		2	0 N/A			0 N/A		X	
Wareham	Riverside		1	0 N/A			0 N/A		X	
Wareham	Shell Point	N/A	N/A	N/A			0 N/A		X	+

^{*} N/A = Not Available

		# exceeds	# postings	Max Bather	# exceeds	# postings	Max Bather	Tier		Tier
Town	Beach Name	2001*	2001*	Density 2001*	2002	2002	Density 2002*	One	Two	Three
Wareham	Swifts		1	0 N/A	(0 N/A		Χ	
Wareham	Swifts Neck		0	0 N/A	(0 N/A		Χ	
Wellfleet	Burton Baker		0	0 10 - 20	(0 20 - 50		Χ	
Wellfleet	Cahon Hollow		0	0 >50	(0 > 50		Χ	
Wellfleet	Chequesset Yacht Club	N/A	N/A	N/A	(ס	00 - 10		Χ	
Wellfleet	Duck Harbor		0	0 >50	(0 >50		Χ	
Wellfleet	Indian Neck		1	1 20 - 50	(o l	0 > 50		Χ	
Wellfleet	Maguires Landing		0	0 >50	()	0 > 50		Χ	
Wellfleet	Marconi Beach 1		0	0 20 - 50	(O	0 N/A		Χ	
Wellfleet	Marconi Beach 2		0	0 20 - 50		D	0 N/A		Χ	
Wellfleet	Marconi Beach 3		0	0 20 - 50	(D	0 N/A		Χ	
Wellfleet	Mayo Beach		0	0 20 - 50		1	1 20 - 50		Χ	
Wellfleet	Newcomb Hollow		0	0 >50	(D	0>50		Χ	
Wellfleet	Omaha Road		0	0 >50	(D	0 > 50		Χ	
Wellfleet	Powers Landing		0	0 10 - 20	(D	0 20 - 50		Χ	
Wellfleet	White Crest		0	0 >50	(D	0 > 50		Χ	
West Tisbury	Lambert's Cove Beach #1		0	0 N/A	(D	0 N/A		Χ	
West Tisbury	Lambert's Cove Beach #2		0	0 N/A		1	0 N/A		Χ	
Westport	Adamsville Rd	N/A	N/A	N/A		7	00 - 10		Χ	
Westport	Adamsville Rd - River Landing	N/A	N/A	N/A		1	00 - 10		Χ	
Westport	Baker's Beach	N/A	N/A	N/A	()	00 - 10		Χ	
Westport	C & K Club	N/A	N/A	N/A	()	00 - 10		Χ	
Westport	Cherry & Webb		1	1 10 - 20	(D	00 - 10		Χ	
Westport	East Beach		1	00-10	(D	00 - 10		Χ	
Westport	Elephant Rock	N/A	N/A	N/A	()	00 - 10		Χ	
Westport	Horseneck Beach		2	1>50	(D	0 N/A		Χ	
Westport	Howland Beach	N/A	N/A	N/A		1	00 - 10		Χ	
Westport	Spindle Rock	N/A	N/A	N/A	(o l	00 - 10		Χ	
Westport	Town Beach		1	10 - 10	(D	0 10 - 20		Χ	
Westport	Yacht Club		0	00-10	(D .	00 - 10		Х	
Weymouth	New Wessagussett Beach (George E. Lane)		1	1 N/A	(D	0 N/A		Х	

^{*} N/A = Not Available

		# exceeds	# postings	Max Bather	# exceeds	# postings Max Bather	Tier	Tier	Tier
Town	Beach Name	2001*	2001*	Density 2001*	2002	2002 Density 2002*	One	Two	Three
Weymouth	Old Wessagussett Beach	(O	0 N/A	(0 N/A		X	
Winthrop	Winthrop Beach (MDC)	•	1	20 - 10	(1 0 - 10		Χ	
Yarmouth	Bass River	(O	0 >50	(0 >50		Χ	
Yarmouth	Bay Road	•	1	10 - 10	(0 10 - 20		Χ	
Yarmouth	Bay View St Beach	2	2	1 20 - 50	(0 - 10		Χ	
Yarmouth	Berry Road	N/A	N/A	N/A	(0 10 - 20		Χ	
Yarmouth	Colonial Acres Beach	2	2	1 >50	(0 - 10		Χ	
Yarmouth	Colonial Acres Bridge	10	O	10 - 10	5	1 0 - 10		Χ	
Yarmouth	Colonial Acres Creek	12	2	10 - 10	3	0 0 - 10		Χ	
Yarmouth	Columbus Ave	•	1	10 - 10	1	0 0 - 10		X	
Yarmouth	Englewood Beach	()	0 20 - 50	(0 20 - 50		Χ	
Yarmouth	Follins Pond	•	1	0 10 - 20	(0 - 10		Χ	
Yarmouth	Gray's Beach	(O	0 >50	1	0 10 - 20		Χ	
Yarmouth	Great Island	N/A	N/A	N/A	(0 10 - 20		Χ	
Yarmouth	Ocean Mist	N/A	N/A	N/A	(0 10 - 20		Χ	
Yarmouth	Parker's River	(O	0 >50	(0 >50		Χ	
Yarmouth	Seagull Beach - Left	(O	0 10 - 20	(0 - 10		Χ	
Yarmouth	Seagull Beach - Middle	(O	0 >50	(0 20 - 50		Χ	
Yarmouth	Seagull Beach - Right	(O	00-10	(0 >50		Χ	
Yarmouth	Seaview Ave Beach	(O	0 >50	(0 20 - 50		Χ	
Yarmouth	South Middle	(O	0 >50	(0 20 - 50		Χ	
Yarmouth	Thatcher Town Park	()	0 10 - 20	(0 10 - 20		Χ	
Yarmouth	Wilber Park	()	0 0 - 10		0 10 - 20		Χ	
Yarmouth	Windmill	() 	0 20 - 50	(0 10 - 20		Χ	

Notes:

Each testing location was counted as a "beach"

The list of beaches presented here relied on 2002 reporting since this is the most current information available for beach names

^{*} N/A = Not Available

D 3.0 Justification of Classification of Massachusetts Coastal Bathing Beaches

Using 2001 and 2002 season data, most beaches were classified as Tier Two, except for those with known historical problems (classified as Tier One) because sufficient years of data were not available along with sufficient quality control documentation and sanitary survey information. When MDPH has sufficient years of consistent data with appropriate quality control and sanitary survey information, many beaches will either be reclassified as to identify problem areas and areas of high usage (Tier One), or to decrease testing at beaches without problems (Tier Three) in order to allocate resources to where they are needed most.

Appendix A Project Personnel

QAPP Recipient Name	Title	ORG.	Telephone Number	Email
Suzanne K. Condon	Environmental Health Assistant Commissioner, Beach Program Manager, Quality Assurance Manager	MDPH	617-624-5757	Suzanne.Condon@state.ma.us
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Elaine T. Krueger	Beach Program Acting Coordinator, Field and Lab QA/QC Manager, Inspection Manager, Data Manager	MDPH	617-624-5757	Elaine.Krueger@state.ma.us
Howard Wensley	Field and Lab QA/QC Supervisor, Inspection Supervisor, Enforcement Manager	MDPH	617-983-6761	Howard.Wensley@state.ma.us